

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/001160

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|--|--|---|
| A. CLASSIFICATION OF SUBJECT MATTER  |  |   |
| Int. Cl. <sup>7</sup> : G01B 9/02  |  |   |
| According to International Patent Classification (IPC) or to both national classification and IPC  |  |   |
| B. FIELDS SEARCHED   |  |   |
| Minimum documentation searched (classification system followed by classification symbols)  |  |   |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  |  |   |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)<br>WPAT, JAPIO, EPAT: interferometer, phase, polarisation, spatial, divide/combine, linear/circular and similar terms   |  |   |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT   |  |   |
| Category*  | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No.   |
| X  | US 5995223 A (POWER) 30 November 1999<br>See whole document                        | 1, 2, 12, 25  |
| X  | US 6020963 A (DIMARZIO) 1 February 2000<br>See whole document                      | 1, 2, 12, 25  |
| <input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex   |  |   |
| * Special categories of cited documents:<br>"A" document defining the general state of the art which is not considered to be of particular relevance<br>"E" earlier application or patent but published on or after the international filing date<br>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)<br>"O" document referring to an oral disclosure, use, exhibition or other means<br>"P" document published prior to the international filing date but later than the priority date claimed<br>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention<br>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone<br>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art<br>"&" document member of the same patent family |  |   |
| Date of the actual completion of the international search<br>1 October 2004  |  | Date of mailing of the international search report<br>2 NOV 2004        |
| Name and mailing address of the ISA/AU<br>AUSTRALIAN PATENT OFFICE<br>PO BOX 200, WODEN ACT 2606, AUSTRALIA<br>E-mail address: pct@ipaustalia.gov.au<br>Facsimile No. (02) 6285 3929   |  | Authorized officer<br><br>MICHAEL HALL<br>Telephone No : (02) 6283 2474 |

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001160

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in<br>Search Report   | Patent Family Member |
|---|----------------------|
| US 5995223  |                      |
| US 6020963  | US 5883717           |
| Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001. |                      |
| END OF ANNEX  |                      |

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